

# CELL AND CELL PLATE FOR SOLID OXIDE FUEL CELL, AND MANUFACTURING METHOD THEREOF

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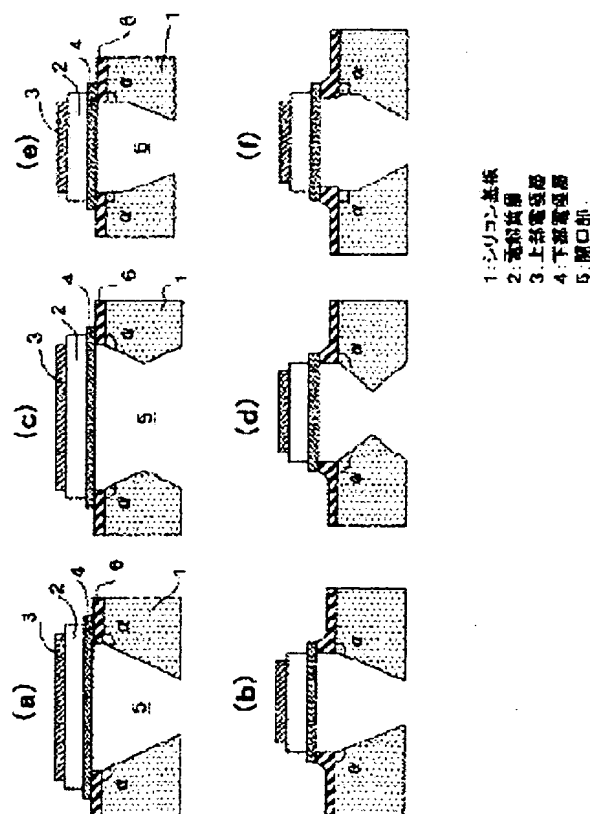
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## Abstract of JP2004206998

**<P>PROBLEM TO BE SOLVED:** To provide a cell and a cell plate for a fuel cell capable of increasing an area ratio of an aperture where to stack layers of a battery element to a substrate and enhancing power generation output by increasing an effective power generating area without impairing the strength of the substrate in a solid oxide fuel cell in which the substrate supports the cell element composed of a solid oxide electrolyte and electrodes sandwiching the same.

**<P>SOLUTION:** The aperture 5 is formed in the silicon substrate 1 to have an aperture angle  $[\alpha]$  of 90[deg.] or more formed between the surface of the substrate and a wall face of the aperture 5 as taken in the cross section of the aperture 5.

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